

A40

Instruction manual



Features

Decoding Chip : CS43131

- German Infineon's new digital high-power amplifier chip has higher quality, high efficiency, and low energy consumption;
- The use of Japan's JRC electronic volume control chip NJW1194, accurate volume control and ultra-low distortion;
- Support MQA decoding, support MQA-CD ;
- The new third generation XMOS XU-316, PCM support to 32bit/768kHz, DSD support to DSD256;
- The latest Bluetooth supports LDAC, APTX/HD,SBC, AAC;
- All aluminum alloy CNC precision processing shell, anodizing technology and chamfering process, exquisite workmanship and delicate touch;
- Humanized operating system is simple to understand, equipped with full-featured remote control function;
- A large number of audiophile audio components to enhance the subjective sense of listening;
- High-quality gold-plated input. Output terminals;
- Perfect overheating, overcurrent protection circuit;
- Built in high-quality high-power audio special switching power supply.

Support**Firmware and driver download:** <http://www.loxjie-audio.com/>

Specification

Interface:

Inputs RCA / BT / USB / Optical / Coaxial / Phono / I²S

Audio feature:

THD+N	0.003%
SNR	107dB
Channel separation	98dB
Input Sensitivity / Input Impedance	280mV/22kΩ
Output Power	stereo 165Wx2(4Ω) / 85Wx2(8Ω)

Audio specifications:

USB transmission	Asynchronization
USB compatibility	Windows 7 / 8 / 8.1 / 10 / 11, Mac OSX, Linux
MQA decoder	USB / Optical/ Coaxial
MQA-CD decoder	Optical/ Coaxial
	Windows 7 / 8 / 8.1 / 10 / 11, Mac OSX, Linux

Bit depth

USB	1bit, 16~32bit
Optical / Coaxial	1bit, 16~24bit

Sampling rate

USB	PCM	44.1~768kHz
	DSD	2.8224~11.2896MHz
Optical / Coaxial	PCM	44.1~192kHz
	DSD	DSD64(DoP)

Others:

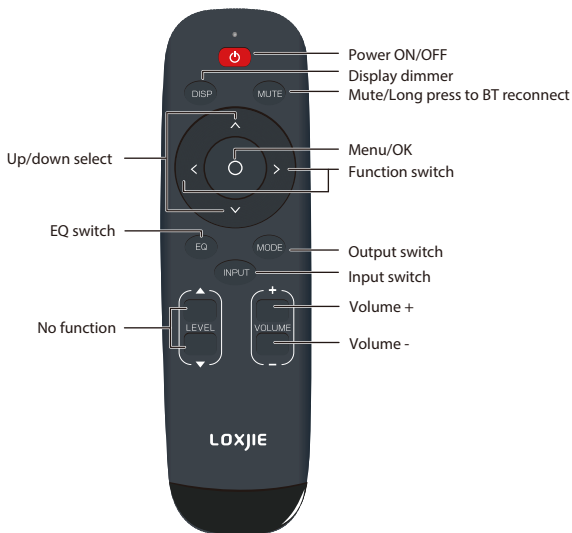
Power Consumption	40W(normal volume)
Size	243X42X177mm(WxHxD)
Weight	1.62kg / 3.57lbs

Specifications are subject to change without notice.

Remote control

Note:

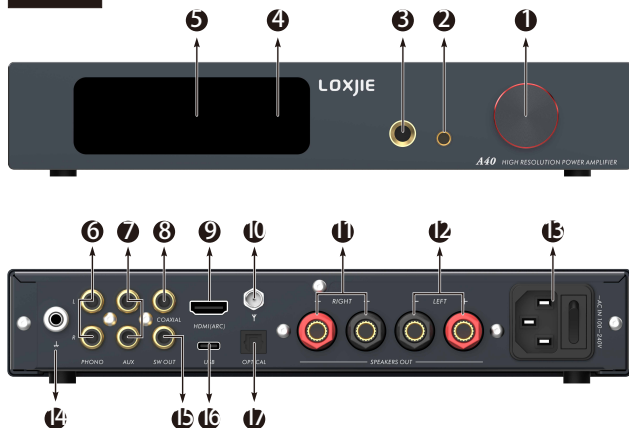
- If the operation does not work even when the remote control is very close to the unit, please replace it with a new battery.
- If you do not want to use the remote control for a long time, please remove the batteries of the remote control.
- Dispose of used batteries in accordance with local regulations for battery disposal.
- Please use 2 AAA batteries for the remote control.
- Remote control operating distance: 5-8 meters.



How to use Bluetooth:

1. Connection: switch the input source to Bluetooth, turn on the Bluetooth function of the mobile phone, search **"LOXJIE A40"**, and click Connect after searching. When the mobile phone displays "connected", the connection is successful.

Parts



- | | |
|--|--------------------------------|
| ① Function knob
PRESS to enter the menu;
HOLD to exit the menu;
ROTATE to change the value or volume. | ⑧ Coaxial input |
| ② 4.4mm headphone jack | ⑨ HDMI(ARC) input |
| ③ 6.35mm headphone jack | ⑩ Bluetooth antenna |
| ④ Remote window | ⑪ Right channel output |
| ⑤ Display screen | ⑫ Left channel output |
| ⑥ PHONO input | ⑬ AC Power Input (100~240v AC) |
| ⑦ LINE input | ⑭ Grounding |
| | ⑮ SW out |
| | ⑯ USB input |
| | ⑰ Optical input |

***Bluetooth pairing:** Open Bluetooth pairing on your cell phone, search and select "LOXJIE A40", if the cell phone displays "Connected", it means the pairing is successful. If the pairing is not successful, please operate the Bluetooth clear function to clear the Bluetooth that A40 was connected to before, and then retry.

****Equipment speaker output:** Please pay attention to the polarity when connecting the speaker, it must be in accordance with the polarity labeled by the product, so as not to affect the sound quality!

Function and operation instructions

INPUT SETTING

- USB audio
- Optical
- Coaxial
- Bluetooth
- ARC IN
- AUX IN
- PHONO

OUTPUT SETTING

- Speakers
- Headphones

EQ:

- Direct
- Tone
- Double Bass
- Bass
- Super bass
- Rock
- Soft
- Clear

Function and operation instructions

Bass adjustment range:

- -9dB ~ +9dB

When the EQ mode is Direct or other EQ mode, changing the Bass will change the EQ to Tone mode.

Treble adjustment range:

- -9dB ~ +9dB

When the EQ mode is Direct or other EQ mode, changing the Treble will change the EQ to Tone mode.

FILTER:

- Fast and Low-latency filter
- Fast and Phase-compensated filter
- Slow and Low-latency filter
- Slow and Phase -compensated filter
- Nonoversampling filter

COLOR:

- White
- Red
- Green
- Blue
- Yellow
- Cyan
- Orange
- Purple

Function and operation instructions

BT clear:

- Turn to clear
(Press the remote control up and down buttons or turn the knob to clear the current Bluetooth paired device)

DIMMER:

- Always on(Always on)
- Auto off(automatically turns off the screen after 5 seconds of inactivity)

Restore Factory Settings:

Connect the power cord when pressing the power button, until the screen shows the logo. Then stop pressing and restart the unit .

About MQA

MQA (Master Quality Authenticated) is an award-winning British technology that delivers the sound of the original master recording. The master MQA file is fully authenticated and is small enough to stream or download. The A40 includes MQA technology, which enables you to playback MQA audio files and streams, delivering the sound of the original master recording.

Visit How it works <https://www.mqa.co.uk/how-it-works> for more information.

How to play MQA

- A40 supports MQA decoding with USB, optical fiber and coaxial!
- A40's MQA playback does not require the use of special playback software, such as foobar2000, Audirvanaplus only needs to support ASIO or WASAPI audio output, and when playing MQA audio, it is best to adjust the volume of the computer to the maximum, so that the audio output of the computer is in the best condition.
- When playing an MQA file, the sampling rate of the original master recording is displayed.



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Notes on playing MQA-CD

- Please make sure that what is being played is a genuine MQA-CD.
- Verify that the optical or coaxial signal output of the CD player is an unprocessed source code.